

Cost Factor (in 2008\$)	Reference/Note	Year of Costs
Advanced Combustion Controls (Linkageless Boiler Management System) -- cost is per boiler - TCI		
\$ 19,127	LBMS costs are based on a 2008 quote provided to the U.S. Department of Energy. The installed cost for a LBMS on a 20 mmBtu/hr unit was are \$19,127. The DOE noted that costs are relatively fixed, regardless of the size of the unit.	Assumed to represent \$2008, since that was the year the quote was obtained.
Activated Carbon Injection		
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.	Originally \$2004
Fabric Filter		
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.	Originally \$2004
Packed Scrubber		
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.	Originally \$2004
Secondary Chamber/Afterburner Retrofit		
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.	Originally \$2004
Selective Non-Catalytic Reduction		
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.	Originally \$2004
Catalytic Oxidizer		

EPA Air Pollution Control Cost Manual, Sixth Edition EPA 452/B-02-001

Used catalytic oxidizer costing for all sizes, though some fell outside the appropriate size-range for the equation.

Originally \$2004

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incinerators**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	Not applicable				#VALUE!									
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!			
3. Reporting Requirements														
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0	\$0	0	c, d, l
B. Required Activities														
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$14,333	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	179	\$0	\$0	0	c
2) Annual stack test and test report (PM, HCl, Opacity,	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0	e
3) Operator training and qualification														
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0	c
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0	c
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0	e
d) Initial review of site-specific information	Included in a.													
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	e
4) Establish operating parameters (maximum and minimum)	40	ncluded in B.1	\$0	1	40	0	0	0	0	#VALUE!	\$0	\$0	0	c
5) Continuous parameter monitoring (including CEMS)														
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0	c, f
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0	e, g
C. Create Information	Included in 3.B													
D. Gather Information	Included in 3.E													
E. Report Preparation														
1) Notification of initial performance test														
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
3) Report of initial performance test														
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
4) Report of initial CMS demonstration	Included in 3.B.5													
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c
6) Report prior to initial start-up														
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0	c, h
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0	c, h

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incinerators**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
7) Report of initial stack test	Included in 3.B.													
8) Report established values for site-specific operating p	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c
10) Annual Report:														
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0	
11) Status report for operators that are off-site for more	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	i
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0	i
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0	j
<i>ReportingSubtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
4. Recordkeeping Requirements														
A. Read Instructions	Included in 3.A													
B. Plan Activities	Not applicable													
C. Implement Activities	Not applicable													
D. Develop Record System	Not applicable													
E. Record Information														
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
2) Records of periods for which minimum amount of data on parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0	k
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	k
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	j
5) Records of stack tests	Included in 3.E													
6) Records of siting analysis	Included in 3.E													
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
10) Records of monitoring device calibration	Included in 3.E													
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0	

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incinerators**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
F. Personnel Training	Included in 3.B													
G. Time for Audits	Not applicable													
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
										Total Hours	Labor	Non-Labor	Total	
Summary of Respondent Burden								#VALUE!	#VALUE!	#DIV/0!	#VALUE!			
Annualized Capital and Startup										\$0	\$0			
O & M Summary										#DIV/0!	#DIV/0!			

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	Not applicable				#VALUE!									
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!			
3. Reporting Requirements														
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	c, d, l
B. Required Activities														
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
2) Annual stack test and test report (PM, HCL, Opacity, and Fugitive Ash)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	e
3) Operator training and qualification														
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0	c
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0	c
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0	e
d) Initial review of site-specific information	Included in a.													
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	e
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	\$0	\$0	0	c
5) Continuous parameter monitoring (including CEMS)														
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0	c, f
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0	e, g
C. Create Information	Included in 3.E													
D. Gather Information	Included in 3.E													
E. Report Preparation														
1) Notification of initial performance test														
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
3) Report of initial performance test														
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
4) Report of initial CMS demonstration	Included in 3.B.5													
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
6) Report prior to initial start-up														
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0	c,h
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0	c,h
7) Report of initial stack test	Included in 3.B.1													
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c
10) Annual Report:														
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0	
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	i
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0	i
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0	j
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
4. Recordkeeping Requirements														
A. Read Instructions	Included in 3.A													
B. Plan Activities	Not applicable													
C. Implement Activities	Not applicable													
D. Develop Record System	Not applicable													
E. Record Information														
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
2) Records of periods for which minimum amount of data on parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0	k
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	k
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	j
5) Records of stack tests	Included in 3.E													
6) Records of siting analysis	Included in 3.E													
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
10) Records of monitoring device calibration	Included in 3.B													
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0	

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
F. Personnel Training	Included in 3.B Not													
G. Time for Audits	applicable													
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
										Total Hours	Labor	Non-Labor	Total	
Summary of Respondent Burden								#VALUE!	#VALUE!	#DIV/0!	#VALUE!			
Annualized Capital and Startup										\$0	\$0			
O & M Summary										#DIV/0!	#DIV/0!			

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours @ \$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
2) Annual stack test and test report (PM, HCl, Opacity)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12	0	\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	ncluded in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0

Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
Reporting Subtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data o parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0
F. Personnel Training	Included in 3.B												
G. Time for Audits	Not applicable												
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0

Footnotes
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Footnotes

Table 1.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Incinerators

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!

**Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Solids)**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	Not applicable				#VALUE!									
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!			
3. Reporting Requirements														
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0	\$0	0	c, d, l
B. Required Activities														
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0	c
2) Annual stack test and test report (PM, HCl, Opacity,	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0	e
3) Operator training and qualification														
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0	c
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0	c
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0	e
d) Initial review of site-specific information	Included in a.													
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	e
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	\$0	\$0	0	c
5) Continuous parameter monitoring (including CEMS)														
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$0	0	c, f
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0	e, g
C. Create Information	Included in 3.E													
D. Gather Information	Included in 3.E													
E. Report Preparation														
1) Notification of initial performance test														
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
3) Report of initial performance test														
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
4) Report of initial CMS demonstration	Included in 3.B.5													
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c

Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Solids)

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
6) Report prior to initial start-up														
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0	c, h
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0	c, h
7) Report of initial stack test	Included in 3.B.													
8) Report established values for site-specific operating parameters	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c
10) Annual Report:														
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0	
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	i
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0	i
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0	j
Reporting Subtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
4. Recordkeeping Requirements														
A. Read Instructions	Included in 3.A.													
B. Plan Activities	Not applicable													
C. Implement Activities	Not applicable													
D. Develop Record System	Not applicable													
E. Record Information														
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
2) Records of periods for which minimum amount of data on parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0	k
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	k
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	j
5) Records of stack tests	Included in 3.E													
6) Records of siting analysis	Included in 3.E													
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
10) Records of monitoring device calibration	Included in 3.E													
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0	

Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Solids)

Burden Item	(A)	Emission	Non-Labor Costs Per Occurrence	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes		
	Respondent Hours per Occurrence (Technical hours)	Testing Contractor Hours Per Occurrence		Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year (	Technical Hours Per Year (CXD)	Management Hours Per Year (E x 0.05)	Clerical Hours Per Year (E x 0.1)	Emission Testing Contractor Hours Per Year					
F. Personnel Training	Included in 3.E															
G. Time for Audits	Not applicable															
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0			
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0			
											Total Hours	Labor	Non-Labor	Total		
											Summary of Respondent Burden	#VALUE!	#VALUE!	#DIV/0!	#VALUE!	
											Annualized Capital and Startup			#DIV/0!	#DIV/0!	
											O & M Summary			#DIV/0!	#DIV/0!	

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Sol:

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCL, Opacity)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0

Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Sol:

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data o parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.B.												
6) Records of siting analysis	Included in 3.B.												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B.												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0
F. Personnel Training	Included in 3.B.												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0

Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Sol:

Burden Item	(A)	Emission	Non-Labor Costs Per Occurrence	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
	Respondent Hours per Occurrence (Technical hours)	Testing Contractor Hours Per Occurrence		Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year (	Technical Hours Per Year (CXD)	Management Hours Per Year (E x 0.05)	Clerical Hours Per Year (E x 0.1)	Emission Testing Contractor Hours Per Year			
								Total Hours	Labor	Non-Labor	Total		
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!		
										#DIV/0!	#DIV/0!		
										#DIV/0!	#DIV/0!		

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

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Footnotes
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Footnotes

Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units (Sol:

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCL, Opacity)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0

Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units (Sol:

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data o parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.B.												
6) Records of siting analysis	Included in 3.B.												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B.												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0
F. Personnel Training	Included in 3.B.												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0

Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units (Sol:

Burden Item	(A)	Emission	Non-Labor Costs Per Occurrence	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
	Respondent Hours per Occurrence (Technical hours)	Testing Contractor Hours Per Occurrence		Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year (	Technical Hours Per Year (CXD)	Management Hours Per Year (E x 0.05)	Clerical Hours Per Year (E x 0.1)	Emission Testing Contractor Hours Per Year			
								Total Hours	Labor	Non-Labor	Total		
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!		
										#DIV/0!	#DIV/0!		
										#DIV/0!	#DIV/0!		

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

ids)

Footnotes
c, d, l
c
e
c c e
e
c
c, f e, g

ids)

Footnotes

Table 2.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Energy Recovery Units (Solids)

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!

Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	Not applicable				#VALUE!									
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!			
3. Reporting Requirements														
A. Read and Understand Rule Requirements	1	0	\$100	1	1	1	1	0	0	0	\$41	\$100	1	c,d,l
B. Required Activities														
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0	\$55,000	1	c
2) Annual stack test and test report (PM, HCl, Opacity)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0	e
3) Operator training and qualification														
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620	\$0	1	c
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948	\$0	1	c
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0	e
d) Initial review of site-specific information	Included in a.													
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	e
4) Establish operating parameters (maximum and minimum)	40	ncluded in B.1	\$0	1	40	1	40	2	4	#VALUE!	\$1,638	\$0	1	c
5) Continuous parameter monitoring (including CEMS)														
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696	\$16,100	1	c, f
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696	\$55,300	1	e, g
C. Create Information	Included in 3.B													
D. Gather Information	Included in 3.E													
E. Report Preparation														
1) Notification of initial performance test														
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1	
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41	\$0	1	
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1	
3) Report of initial performance test														
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328	\$8	1	
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1	
4) Report of initial CMS demonstration	Included in 3.B.5													
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1	c

Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
6) Report prior to initial start-up														
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0	c, h
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573	\$0	1	c, h
7) Report of initial stack test	Included in 3.B.1													
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1	c
10) Annual Report:														
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0	
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	1	8	0	1	0	\$328	\$0	1	i
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	1	16	1	2	0	\$655	\$0	2	i
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	1	24	1	2	0	\$983	\$8	1	j
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!		19	
4. Recordkeeping Requirements														
A. Read Instructions	Included in 3.A													
B. Plan Activities	Not applicable													
C. Implement Activities	Not applicable													
D. Develop Record System	Not applicable													
E. Record Information														
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
2) Records of periods for which minimum amount of data o parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0	k
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	k
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	1	2	0	0	0	\$61	\$0	1	j
5) Records of stack tests	Included in 3.E													
6) Records of siting analysis	Included in 3.E													
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
10) Records of monitoring device calibration	Included in 3.B													
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0	

Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year ((E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes																		
F. Personnel Training	Included in 3.B																															
G. Time for Audits	Not applicable																															
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	1																			
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$126,515	20																			
											<table border="0"> <tr> <td></td> <td align="right">Total Hours</td> <td align="right">Labor</td> <td align="right">Non-Labor</td> <td align="right">Total</td> </tr> <tr> <td align="right" colspan="2">Summary of Respondent Burden</td> <td align="right">#VALUE!</td> <td align="right">#VALUE!</td> <td align="right">\$126,515</td> </tr> <tr> <td align="right" colspan="2">Annualized Capital and Startup</td> <td></td> <td></td> <td align="right">\$71,200</td> </tr> <tr> <td align="right" colspan="2">O & M Summary</td> <td></td> <td></td> <td align="right">\$55,300</td> </tr> </table>		Total Hours	Labor	Non-Labor	Total	Summary of Respondent Burden		#VALUE!	#VALUE!	\$126,515	Annualized Capital and Startup				\$71,200	O & M Summary				\$55,300	
	Total Hours	Labor	Non-Labor	Total																												
Summary of Respondent Burden		#VALUE!	#VALUE!	\$126,515																												
Annualized Capital and Startup				\$71,200																												
O & M Summary				\$55,300																												

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	1	1	0	0	0	\$41	\$0	1
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0	\$55,000	1
2) Annual stack test and test report (PM, HCl, Opacity)	Included in E.	182	\$14,533	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	182	\$0	\$14,533	1
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620	\$0	1
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948	\$0	1
c) Annual refresher course	12	0	\$0	1	12	1	12	1	1	0	\$491	\$0	1
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	1	8	0	1	0	\$328	\$0	1
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!	\$0	1
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696	\$16,100	1
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696	\$55,300	1
C. Create Information	Included in 3.B												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41	\$0	1
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328	\$8	1
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573	\$0	1
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1
10) Annual Report:													
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	1	40	2	4	0	\$1,638	\$8	1
11) Status report for operators that are off-site for more	8	0	\$0	1	8	2	16	1	2	0	\$655	\$0	2
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	2	32	2	3	0	\$1,310	\$0	4
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	2	48	2	5	0	\$1,965	\$15	2
Reporting Subtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!		27
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data or parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	2	3	0	0	0	\$123	\$0	2
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	2	2	0	0	0	\$82	\$0	2
8) Records of persons who have completed operator training	1	0	\$0	1	1	2	2	0	0	0	\$82	\$0	2
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	2	2	0	0	0	\$82	\$0	2
10) Records of monitoring device calibration	Included in 3.B												
11) Records of site-specific documentation	24	0	\$0	1	24	1	24	1	2	0	\$983	\$0	1

Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incinerators

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
F. Personnel Training	Included in 3.B												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	9
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963	36
									Total Hours	Labor	Non-Labor	Total	
									Summary of Respondent Burden	#VALUE!	#VALUE!	\$140,963	#VALUE!
									Annualized Capital and Startup			\$71,100	\$71,100
									O & M Summary			\$55,300	\$55,300

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Footnotes
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Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incinerators

	(A) Respondent Hours per Occurrence (Technical	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	1	1	0	0	0	\$41	\$0	1
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0	\$55,000	1
2) Annual stack test and test report (PM, HCL, Opacity	Included in E.	182	\$14,533	1	#VALUE!	2	#VALUE!	#VALUE!	#VALUE!	363	\$0	\$29,067	2
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620	\$0	1
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948	\$0	1
c) Annual refresher course	12		\$0	1	12	2	24	1	2	0	\$983	\$0	2
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	2	16	1	2	0	\$655	\$0	2
4) Establish operating parameters (maximum and minimum	40	ncluded in B.1	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!	\$0	1
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696	\$16,100	1
b) Annual costs	17	0	\$55,300	1	17	2	34	2	3	0	\$1,392	\$55,300	2
C. Create Information	Included in 3.B												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41	\$0	1
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328	\$8	1
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82	\$0	1
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1

Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incinerators

	(A) Respondent Hours per Occurrence (Technical	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573	\$0	1
7) Report of initial stack test	Included in 3.B.1												
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550	\$0	1
10) Annual Report:													
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	2	80	4	8	0	\$3,275	\$15	2
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	2	16	1	2	0	\$655	\$0	2
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	2	32	2	3	0	\$1,310	\$0	4
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	3	72	4	7	0	\$2,948	\$23	3
<i>ReportingSubtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!		33
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data of parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	3	5	0	0	0	\$184	\$0	3
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	3	3	0	0	0	\$123	\$0	3
8) Records of persons who have completed operator traini	1	0	\$0	1	1	3	3	0	0	0	\$123	\$0	3
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	3	3	0	0	0	\$123	\$0	3
10) Records of monitoring device calibration	Included in 3.B												
11) Records of site-specific documentation	24	0	\$0	1	24	2	48	2	5	0	\$1,965	\$0	2

Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incinerators

	(A) Respondent Hours per Occurrence (Technical)	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
F. Personnel Training	Included in 3.B												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	14
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512	47
							Total Hours		Labor	Non-Labor	Total		
							Summary of Respondent Burden		#VALUE!	#VALUE!	\$155,512	#VALUE!	
							Annualized Capital and Startup				\$71,100	\$71,100	
							O & M Summary				\$55,300	\$55,300	

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

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Table 1.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC, Small Remote Incinerators

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$126,515	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$422,990	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,997	#VALUE!

**Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Liquid/**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCl, Opacity, and Fugitive Ash)	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$2,000	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$6,400	0
C. Create Information	Included in 3.B												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0

**Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Liquid/**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
7) Report of initial stack test	Included in 3.B.1												
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0

Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units (Liquid/

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
F. Personnel Training	Included in 3.B												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
								Total Hours	Labor	Non-Labor	Total		
Summary of Respondent Burden								#VALUE!	#VALUE!	#DIV/0!	#VALUE!		
Annualized Capital and Startup										#DIV/0!	#DIV/0!		
O & M Summary										\$6,400	\$6,400		

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

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Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Liquid)

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCL, Opacity)	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$2,000	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$6,400	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0

**Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Liquid)**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data or parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.E												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0

Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (Liquid)

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year			
F. Personnel Training	Included in 3.B																
G. Time for Audits	Not applicable																
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0				
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0				
										Total Hours	Labor	Non-Labor	Total				
										Summary of Respondent Burden				#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										Annualized Capital and Startup				#DIV/0!	#DIV/0!		
										O & M Summary				\$6,400	\$6,400		

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

1/Gas)

Footnotes

Table 4.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units (Liquid)

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCl, Opacity)	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12	0	\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$2,000	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$6,400	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0

Table 4.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units (Liquid)

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
Reporting Subtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data or parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.B												
6) Records of siting analysis	Included in 3.B												
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0
F. Personnel Training	Included in 3.B												
G. Time for Audits	Not applicable												
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0

1/Gas)

Footnotes
c, d, l
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1/Gas)

Footnotes

Table 4.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Energy Recovery Units (Liquid/Gas)

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!

**Table 5.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kilns**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCL, Opacity)	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	included in B.1	\$0	1	40	0	0	0	0	#VALUE!	\$0	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	\$0	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0

Table 5.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kilns

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data on parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.B.												
6) Records of siting analysis	Included in 3.B.												
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.B.												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0
F. Personnel Training	Included in 3.B.												
G. Time for Audits	Not applicable												
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0

Footnotes
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Footnotes

**Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year @\$34.60 (CXD)	(F) Management Hours Per Year @\$82.23 (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year @\$80	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	Not applicable				#VALUE!									
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!			
3. Reporting Requirements														
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	c, d, l
B. Required Activities														
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0	c
2) Annual stack test and test report (PM, HCl, Opacity)	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0	e
3) Operator training and qualification														
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0	c
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0	c
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0	e
d) Initial review of site-specific information	Included in a.													
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	e
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0	c
5) Continuous parameter monitoring (including CEMS)														
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0	c, f
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0	e, g
C. Create Information	Included in 3.B													
D. Gather Information	Included in 3.E													
E. Report Preparation														
1) Notification of initial performance test														
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
3) Report of initial performance test														
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0	
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0	
4) Report of initial CMS demonstration	Included in 3.B.5													
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c

**Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year @\$34.60 (CXD)	(F) Management Hours Per Year @\$82.23 (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year @\$80	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
6) Report prior to initial start-up														
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0	c, h
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0	c, h
7) Report of initial stack test	Included in 3.B.													
8) Report established values for site-specific operating	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	c
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0	c
10) Annual Report:														
a) Results of performance tests conducted during the y	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0	
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0	i
12) Corrective action summary for operators that are off-site for more	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0	i
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0	j
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
4. Recordkeeping Requirements														
A. Read Instructions	Included in 3.A													
B. Plan Activities	Not applicable													
C. Implement Activities	Not applicable													
D. Develop Record System	Not applicable													
E. Record Information														
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
2) Records of periods for which minimum amount of data o parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0	k
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	k
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0	j
5) Records of stack tests	Included in 3.E													
6) Records of siting analysis	Included in 3.E													
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0	
10) Records of monitoring device calibration	Included in 3.B													
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0	

Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year @\$34.60 (CXD)	(F) Management Hours Per Year @\$82.23 (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year @\$80	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
F. Personnel Training	Included in 3.B													
G. Time for Audits	Not applicable													
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
										Total Hours	Labor	Non-Labor	Total	
Summary of Respondent Burden								#VALUE!	#VALUE!	#DIV/0!	#VALUE!			
Annualized Capital and Startup										#DIV/0!	#DIV/0!			
O & M Summary										#DIV/0!	#DIV/0!			

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kilns

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
1. Applications	Not applicable				#VALUE!								
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!		
3. Reporting Requirements													
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
B. Required Activities													
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0	#DIV/0!	0
2) Annual stack test and test report (PM, HCL, Opacity)	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0	\$0	0
3) Operator training and qualification													
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0	\$0	0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0	\$0	0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0	\$0	0
d) Initial review of site-specific information	Included in a.												
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!	\$0	0
5) Continuous parameter monitoring (including CEMS)													
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0	\$0	0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0	#DIV/0!	0
C. Create Information	Included in 3.E												
D. Gather Information	Included in 3.E												
E. Report Preparation													
1) Notification of initial performance test													
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
3) Report of initial performance test													
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0	\$0	0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0	\$0	0
4) Report of initial CMS demonstration	Included in 3.B.5												
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0

**Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kilns**

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year
6) Report prior to initial start-up													
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0	\$0	0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0	\$0	0
7) Report of initial stack test	Included in 3.B.												
8) Report established values for site-specific operating	Included in 3.B.	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0	\$0	0
10) Annual Report:													
a) Results of performance tests conducted during the	40	0	\$7.50	1	40	0	0	0	0	0	\$0	\$0	0
11) Status report for operators that are off-site for mo	8	0	\$0	1	8	0	0	0	0	0	\$0	\$0	0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0	\$0	0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0	\$0	0
Reporting Subtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0
4. Recordkeeping Requirements													
A. Read Instructions	Included in 3.A												
B. Plan Activities	Not applicable												
C. Implement Activities	Not applicable												
D. Develop Record System	Not applicable												
E. Record Information													
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0
2) Records of periods for which minimum amount of data or parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0	\$0	0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0	\$0	0
5) Records of stack tests	Included in 3.E												
6) Records of siting analysis	Included in 3.E												
7) Records of persons who have reviewed operating proced	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
8) Records of persons who have completed operator traini	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
9) Records of persons who meet operator qualification cr	1	0	\$0	1	1	0	0	0	0	0	\$0	\$0	0
10) Records of monitoring device calibration	Included in 3.E												
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0	\$0	0

Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kilns

Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)	Total Non-Labor Costs Per Year	Total Responses Per Year	
F. Personnel Training	Included in 3.B													
G. Time for Audits	Not applicable													
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!	\$0	0	
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	0	
										Total Hours	Labor	Non-Labor	Total	
										Summary of Respondent Burden	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										Annualized Capital and Startup			#DIV/0!	#DIV/0!
										O & M Summary			#DIV/0!	#DIV/0!

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- ^b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^c One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- ^e Annual cost. Annual costs are not incurred until the second year of operation.
- ^f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- ^g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- ^h Assumed that one-third of the facilities will petition for site-specific parameters.
- ⁱ Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- ^j Assumed that 10 percent of the facilities would have an exceedance during the year.
- ^k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- ^l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Footnotes

Table 5.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Cement Kilns

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#DIV/0!

Table 2 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC, All Subcategories

Year	Technical Hours	Management Hours	Clerical Hours	Total Labor Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$126,515	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$422,990	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,997	#VALUE!

a. Test contractor costs are accounted for in the non-labor category

Table 3 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a,b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	1	c	16	16	1	2	\$954
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c,d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	2	0	0	\$143
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	0	e	8	0	0	0	\$0
5) Review semi-annual excess emission and parameter exceedance report	1	f	16	16	1	2	\$954
6) Review status reports and corrective action summary for operators off-site	2	g	4	8	0	1	\$477
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 p			\$881	per trip			\$176
TOTAL				302	15	30	\$18,190

FOOTNOTES

- a Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.
- b Figures may not add exactly due to rounding.
- c One-time only costs.
- d Assumes EPA personnel attend 20 percent of the initial stack tests.
- e Burden not incurred until second year of operation onward.
- f Assume that 10 percent of the facilities have an exceedance during the year.
- g Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

Table 4 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a, b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	0	c	16	0	0	0	\$0
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2)	0	c, d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	2	0	0	\$143
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	1	e	8	8	0	1	\$477
5) Review semi-annual excess emission and parameter exceedance report	2	f	16	32	2	3	\$1,909
6) Review status reports and corrective action summary for operators off-site	4	g	4	16	1	2	\$954
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per			\$881	per trip			\$176
TOTAL				318	16	32	\$19,144

FOOTNOTES

- a Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.
- b Figures may not add exactly due to rounding.
- c One-time only costs.
- d Assumes EPA personnel attend 20 percent of the initial stack tests.
- e Burden not incurred until second year of operation onward.
- f Assume that 10 percent of the facilities have an exceedance during the year.
- g Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

1. Applications	not applicable						
2. Read and Understand Rule Requirements	0	c	16	0	0	0	\$0
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2)	0	c, d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	5	0	0	\$286
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	2	e	8	16	1	2	\$954
5) Review semi-annual excess emission and parameter exceedance report	3	f	16	48	2	5	\$2,863
6) Review status reports and corrective action summary for operators off-site	4	g	4	16	1	2	\$954
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per person * \$881 per trip)			\$881				\$176
TOTAL				344	17	34	\$20,719

FOOTNOTES

a

Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.

b Figures may not add exactly due to rounding.

c One-time only costs.

d Assumes EPA personnel attend 20 percent of the initial stack tests.

e Burden not incurred until second year of operation onward.

f Assume that 10 percent of the facilities have an exceedance during the year.

g Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

Table 6 - Summary of Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	302	15	30	347	\$18,014	\$176	\$18,190
2	318	16	32	366	\$18,968	\$176	\$19,144
3	344	17	34	396	\$20,543	\$176	\$20,719
Total	964	48	96	1,109	\$57,525	\$529	\$58,053
Average	321	16	32	370	\$19,175	\$176	\$19,351